

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: September 10, 2004, 20:41:36 ; Search time 94 Seconds
(without alignments)
788.078 Million cell updates/sec

Title: US-09-919-162F-6

Perfect score: 1244

Sequence: 1 MNPXKFLGLISFLTGVA.....YQMLDRRSORSRHCVEIP 231

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1335176 seqs, 320689617 residues

Total number of hits satisfying chosen parameters: 1335176

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA:*

- 1: /cgn2_6/ptodata/1/pubaa/US07_PUBCOMB.pep:*
- 2: /cgn2_6/ptodata/1/pubaa/PCT_NEW_PUB.pep:*
- 3: /cgn2_6/ptodata/1/pubaa/US06_NEW_PUB.pep:*
- 4: /cgn2_6/ptodata/1/pubaa/US06_PUBCOMB.pep:*
- 5: /cgn2_6/ptodata/1/pubaa/US07_NEW_PUB.pep:*
- 6: /cgn2_6/ptodata/1/pubaa/PCTUS_PUBCOMB.pep:*
- 7: /cgn2_6/ptodata/1/pubaa/US08_NEW_PUB.pep:*
- 8: /cgn2_6/ptodata/1/pubaa/US08_PUBCOMB.pep:*
- 9: /cgn2_6/ptodata/1/pubaa/US09A_PUBCOMB.pep:*
- 10: /cgn2_6/ptodata/1/pubaa/US09B_PUBCOMB.pep:*
- 11: /cgn2_6/ptodata/1/pubaa/US09C_PUBCOMB.pep:*
- 12: /cgn2_6/ptodata/1/pubaa/US09D_PUBCOMB.pep:*
- 13: /cgn2_6/ptodata/1/pubaa/US10A_PUBCOMB.pep:*
- 14: /cgn2_6/ptodata/1/pubaa/US10B_PUBCOMB.pep:*
- 15: /cgn2_6/ptodata/1/pubaa/US10C_PUBCOMB.pep:*
- 16: /cgn2_6/ptodata/1/pubaa/US10D_PUBCOMB.pep:*
- 17: /cgn2_6/ptodata/1/pubaa/US10E_PUBCOMB.pep:*
- 18: /cgn2_6/ptodata/1/pubaa/US10F_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Match	Length	DB ID	Description
1	1244	100.0	231	9	US-09-728-911-2
2	1244	100.0	231	9	US-09-949-192-6
3	1244	100.0	231	10	US-09-961-404-4
4	1244	100.0	231	10	US-09-746-375-33
5	1244	100.0	231	12	US-10-245-752-114
6	1244	100.0	231	12	US-10-245-859-114
7	1244	100.0	231	12	US-09-919-162E-6
8	1244	100.0	231	14	US-10-245-103-114
9	1244	100.0	231	14	US-10-245-107-114
10	1244	100.0	231	14	US-10-245-107-114
11	1244	100.0	231	14	US-10-245-771-114
12	1244	100.0	231	14	US-10-245-851-114
13	1244	100.0	231	14	US-10-245-883-114
14	1244	100.0	231	14	US-10-237-535-114
15	1244	100.0	231	14	US-10-238-183-114

16	1244	100.0	231	14	US-10-238-283-114	Sequence 114, App
17	1244	100.0	231	14	US-10-238-370-114	Sequence 114, App
18	1244	100.0	231	14	US-10-245-055-114	Sequence 114, App
19	1244	100.0	231	14	US-10-245-147-114	Sequence 114, App
20	1244	100.0	231	14	US-10-245-730-114	Sequence 114, App
21	1244	100.0	231	14	US-10-245-739-114	Sequence 114, App
22	1244	100.0	231	14	US-10-246-210-114	Sequence 114, App
23	1244	100.0	231	14	US-10-239-196-114	Sequence 114, App
24	1244	100.0	231	14	US-10-090-365-2	Sequence 2, Appli
25	1244	100.0	231	14	US-10-243-024-114	Sequence 114, App
26	1244	100.0	231	14	US-10-243-409-114	Sequence 114, App
27	1244	100.0	231	14	US-10-245-621-114	Sequence 114, App
28	1244	100.0	231	14	US-10-245-880-114	Sequence 114, App
29	1244	100.0	231	14	US-10-245-033-114	Sequence 114, App
30	1244	100.0	231	14	US-10-243-095-114	Sequence 114, App
31	1244	100.0	231	14	US-10-245-185-114	Sequence 114, App
32	1244	100.0	231	14	US-10-245-427-114	Sequence 114, App
33	1244	100.0	231	14	US-10-245-473-114	Sequence 114, App
34	1244	100.0	231	14	US-10-245-770-114	Sequence 114, App
35	1244	100.0	231	14	US-10-245-877-114	Sequence 114, App
36	1244	100.0	231	14	US-10-246-976-114	Sequence 114, App
37	1244	100.0	231	14	US-10-243-320-114	Sequence 114, App
38	1244	100.0	231	14	US-10-242-743-114	Sequence 114, App
39	1244	100.0	231	14	US-10-242-845-114	Sequence 114, App
40	1244	100.0	231	14	US-10-104-919-2	Sequence 114, App
41	1244	100.0	231	14	US-10-104-919-38	Sequence 38, Appli
42	1244	100.0	231	14	US-10-237-636-114	Sequence 114, App
43	1244	100.0	231	14	US-10-238-325-114	Sequence 114, App
44	1244	100.0	231	14	US-10-238-346-114	Sequence 114, App
45	1244	100.0	231	14	US-10-238-411-114	Sequence 114, App

ALIGNMENTS

US-09-728-911-2
; Sequence 2, Application US/09728911
; Patent No. US20020012669A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Xu, Wenfeng
; APPLICANT: Kindsvogel, Wayne
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: Human Cytokine Receptor
; FILE REFERENCE: 99-93
; CURRENT APPLICATION NUMBER: US/09728,911
; CURRENT FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 60/169,049
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US 60/232,219
; PRIOR FILING DATE: 2000-09-13
; PRIOR APPLICATION NUMBER: US 60/244,610
; PRIOR FILING DATE: 2000-10-31
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-728-911-2

Query Match 100.0%; Score 1244; DB 9; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.7e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNPXKFLGLISFLTGVAQTSTHSLKPKQVQFSRNFHNLQWPGRAITGNSVY 60
DB 1 MNPXKFLGLISFLTGVAQTSTHSLKPKQVQFSRNFHNLQWPGRAITGNSVY 60
QY 61 FVQKIYQQRQWKNECWGTQELSCDLTSETSDIQEYFYGVRRAASAGSYSEWSMTPRF 120
DB 61 FVQKIYQQRQWKNECWGTQELSCDLTSETSDIQEYFYGVRRAASAGSYSEWSMTPRF 120

QY 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
Db 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231
Db 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231

RESULT 2

US-09-949-192-6
; Sequence 6, Application US/09949192
; Patent No. US20020142292A1
; GENERAL INFORMATION:
; APPLICANT: Parham, Christi L.
; APPLICANT: Gorman, Daniel L.
; APPLICANT: Kurata, Hirokazu
; APPLICANT: Araki, Naoko
; APPLICANT: Sana, Theodore R.
; APPLICANT: Mattson, Jeanine D.
; APPLICANT: Murphy, Erin E.
; APPLICANT: Savkoor, Chetan
; APPLICANT: Grein, Jeffery
; APPLICANT: Smith, Kathleen M.
; APPLICANT: McClanahan, Terill K.
; TITLE OF INVENTION: MAMMALIAN GENES; RELATED REAGENTS AND METHODS
; FILE REFERENCE: DX01169K
; CURRENT APPLICATION NUMBER: US/09/949,192
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,267
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 6
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-949-192-6

Query Match 100.0%; Score 1244; DB 9; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.7e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MNPKECFGLISFFLTGVTAGTQSTHESLKPVQVQSRNFHNLQWQGRALTGNSSVY 60
QY 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
Db 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
QY 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
Db 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231
Db 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231

RESULT 3

US-09-961-404-4
; Sequence 4, Application US/09961404
; Publication No. US20030022827A1
; GENERAL INFORMATION:
; APPLICANT: WEISS, BERTRAM
; APPLICANT: SABAT, ROBERT
; APPLICANT: ASADULLAH, KHUSRU
; APPLICANT: TOSCHI, LUISSELLA
; TITLE OF INVENTION: THREE NEW MEMBERS OF THE CYTOKINE RECEPTOR
; FILE REFERENCE: SCH-1788

; CURRENT APPLICATION NUMBER: US/09/961,404
; CURRENT FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Patent in Ver. 2.1
; SEQ ID NO 4
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-961-404-4

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Best Local Similarity 100.0%; Pred. No. 2.7e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 MNPKECFGLISFFLTGVTAGTQSTHESLKPVQVQSRNFHNLQWQGRALTGNSSVY 60
QY 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
Db 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
QY 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
Db 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231
Db 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231

RESULT 4

US-09-746-375-33
; Sequence 33, Application US/09746375
; Publication No. US20030170823A1
; GENERAL INFORMATION:
; APPLICANT: Presnell, Scott R.
; APPLICANT: Kindsvogel, Wayne
; TITLE OF INVENTION: NOVEL CYTOKINE ZCVTOL8
; FILE REFERENCE: 99-106
; CURRENT APPLICATION NUMBER: US/09/746,375
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: US 60/172,105
; PRIOR FILING DATE: 1999-12-23
; PRIOR APPLICATION NUMBER: US 60/****,***
; PRIOR FILING DATE: 2000-12-01
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Fast-Seq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 231
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-746-375-33

Query Match 100.0%; Score 1244; DB 10; Length 231;
Best Local Similarity 100.0%; Pred. No. 2.7e-120;
Matches 231; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MNPKECFGLISFFLTGVTAGTQSTHESLKPVQVQSRNFHNLQWQGRALTGNSSVY 60
Db 1 MNPKECFGLISFFLTGVTAGTQSTHESLKPVQVQSRNFHNLQWQGRALTGNSSVY 60
QY 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
Db 61 FVQYKIYQGRQWKNKEDCWGTQELSCDLTSETSDIOEPYIGRVRAASAGSYSEWSMTPRF 120
QY 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
Db 121 TPWETKIDPPVNMNITQVNGSLVILHAPNLPRYQKKNVSTEDYELLVYRVFIINNSL 180
QY 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231
Db 181 EKEQKVEGAHRAVEIEALTPHSSYCVVAEIIYQPMIDRRSQRSEERCVEIP 231